

## Oxidation process

## Abstract

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A process for oxidizing a starting material with an oxidizing agent to obtain a product,

which comprises

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carrying out the oxidation in a reaction apparatus which has a bottom region at the lower end, a top region at the upper end and a reaction zone between the top region and the bottom region,

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maintaining the reaction mixture in the boiling state in the reaction zone, and

introducing oxidizing agent into the reaction zone in at least

20 two substreams.

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